Ohio Department of Natural Resources

JOHN R. KASICH, GOVERNOR | JAMES ZEHRINGER, DIRECTOR

Richard J. Simmers, Chief
Division of Oil and Gas Resources Management
2045 Morse Road, Building F-2
Columbus, OH 43229-6693
Phone: (614) 265-6922; Fax: (614) 265-6910

December 4, 2015

Ms. Anna Miller, Ohio Coordinator
U.S. EPA, Region 5
77 West Jackson Blvd.
Chicago, IL 60604-3590
ATTN: 5WU-16J

Dear Ms. Miller:

Enclosed please find the reporting forms for all of half Federal Fiscal Year 2015 that covers Class II and Class III wells in Ohio. Additionally, I have included the UIC well inventory and Semi Annual Technical Report.

If you have any questions regarding this matter, please feel free to contact me at (614) 265-6673.

Sincerely,

Andrew Adgate, UIC Manager
Ohio Department of Natural Resources
Division of Oil and Gas Resources Management
2045 Morse Road, F-2
Columbus, Ohio 43229-6693

Enclosures

Cc: Bob Worstall, Deputy Chief
File

Please type or print all information. Please read instructions. OMB No. 2040-0042 Form Expires 11/30/2014

United States Environmental Protection Agency
Office of Ground Water and Drinking Water
Washington, DC 20460

EPA

UIC Federal Reporting System
Part I: Permit Review and Issuance/ Wells in Area of Review

(This information is solicited under the authority of the Safe Drinking Water Act)

I. Name and Address of Reporting Agency

United States Environmental Protection Agency
Ohio Department of Natural Resources
Division of Oil and Gas Resources Management
2045 Morse Road, BLDG F-2
Columbus, Ohio 43229

II. Date Prepared *(month, day, year)*: 12/01/2015

III. State Contact *(name, telephone no.)*: Andrew Adgate 614-265-6673

IV. Reporting Period *(month, year)*: From October 1, 2014 To 09/30/2015

Item					Class and Type of Injection Wells: AD	II: SWD 2D	II: ER 2R	II: HC 2H	III	IV	V
V. Permit Application	Number of Permit Applications Received				4	29	0		0		
VI. Permit Determination	Permit Issued	A	Number of Individual Permits Issued (One Well)	New Wells	0	12	0		0		
				Existing Wells	4	9	0		0		
		B	Number of area Permits* Issued (Multiple Wells) (*See instructions on back)	New Well Field	0	0	0		0		
				Existing Well Field	0	0	0		0		
		C	Number of Wells in Area Permits (See B above)	New Wells	0	0	0		0		
				Existing Wells	0	0	0		0		
	Permit Not Issued	D	Number of Permits Denied/Withdrawn (after complete technical review)		0	2	0		0		
	Modification Issued	E	Number of Major Permit Modifications Approved		0	8	0		0		
VII. Permit File Review	Number of Rule-Authorized Class II Wells Reviewed			Wells Reviewed	0	0	0		0		
				Wells Deficient	0	0	0		0		
VIII. Area of Review (AOR)	Wells Reviewed	A	Number of Wells in Area of Review	Abandoned Wells	0	64	0		0		
				Other Wells	0	186	0		0		
	Wells Identified for C/A	B	Number of Wells Identified for Corrective Action	Abandoned Wells	0	0	0		0		
				Other Wells	0	0	0		0		
	Wells with C/A	C	1. Number of Wells in AOR with Casing Repaired/Recemented C/A			0	0		0		
			2. Number of Active Wells in AOR Plugged/Abandoned			2	0		0		
			3. Number of Abandoned Wells in AOR Replugged			0	0		0		
			4. Number of Wells in AOR with "Other" Corrective Action			0	0		0		

IX. Remarks/Ad Hoc Report *(Attach additional sheets if necessary)*

Certification

I certify that the statements I have made on this form and all attachments thereto are true, accurate, and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.

Signature and Typed or Printed Name and Title of Person Completing Form	Date	Telephone No.
Andrew Adgate UIC Manager	12-4-15	265-6673

EPA Form 7520-1 (Rev. 12-11) Previous edition is obsolete.

Instructions and Definitions

All reporting is cumulative, year to date, and begins with October 1.

Section V. Permit Application

Enter under each well class the total number of permit applications that have been received this year to date. Include all applications: complete and incomplete; individual and municipal well (Area Permit); and applications for "New" and "Existing" wells.

A "New Well" is any well other than an existing well or a plugged/abandoned well that became operable after the effective date of the State (or EPA) Underground Injection Control Program.

An "Existing Well" is any operable (i.e., active, under construction, shut in, or temporarily abandoned) injection well or a properly plugged and abandoned injection well that was in existence on the effective date of the State (or EPA) UIC Program.

Section VI. Permit Determination

Permit Determinations include the approval or denial of UIC permit request/actions such as: applications for permits, major modifications to issued permits, revocation and reissuance of permits, or termination of permits for cause. A complete permit determination includes a thorough technical evaluation of the request, public notification or review before issuance, and a final decision document signed by the regulating authority.

Item A: Enter under each well class the number of individual permits issued for "New" or "Existing" wells this year to date.

Item B: Enter under each well class the number of area permits that have been issued for "New" or "Existing" well fields this year to date. ("New" in this case, describes a nonhazardous injection well field having only new wells or a mixture of new and existing wells. "Existing" describes a nonhazardous well field having only existing wells.)

Item C: Enter under each well class the number of "New" and "Existing" wells covered by the Area Permits entered in Item B.

Item D: Enter under each well class the number of permits or major modifications denied by the State (or EPA) UIC program and/or permits withdrawn by applicants this year to date. The denial of a permit or major modification should be included as a permit determination only after there has been a complete technical review.

Item E: Enter under each well class the number of major modifications approved this year to date. An approved major modification requires a complete technical review, public notification or review, and a final decision document signed by the regulating authority.

Section VII. Permit File Review

A complete technical review of an existing (rule authorized) Class II well record may be conducted by the authorized regulating authority in lieu of a permit determination in accordance with the UIC 1425 Guidance to determine whether the well is in compliance with UIC regulatory requirements. The well record (or file) review may include an evaluation of siting reports, wells in the area of review, construction, operating, monitoring or other State reports. Existing Class II wells should be routinely reviewed at least once every five years during the life of the well.

Well Reviewed: Enter under the appropriate category of injection wells the number of rule authorized (existing) Class II wells with permit files reviewed and compliance status determined this year to date.

Well Deficient: Enter under the Class II well class the number of reviewed rule authorized Class II wells found deficient (not in compliance) that received corrective or enforcement action as appropriate followup response.

Section VIII. Area of Review (AOR)

All wells that penetrate the injection zone in the AOR of an injection well/field are reviewed during permit determination or during any AOR analysis of a rule authorized well file.

Item A: Enter under the well class of each permit application or file that has been reviewed this year to date, the number of "Abandoned" and "Other" wells reviewed in the AOR.

"Abandoned" includes any well penetrating the injection zone in the AOR that has been properly or improperly plugged and/or abandoned. "Other" includes any producing well, operable injection well, dry hole, exploratory well, etc., that penetrates the injection zone in the AOR.

Corrective Action is required for those wells that penetrate the injection zone in the AOR that are improperly sealed, completed, or abandoned.

Item B: Enter under the well class of each permit applications or file reviewed this year to date, all "Abandoned" and "Other" wells in the AOR that have required corrective action.

Item C: Enter under the well class of all permit applications or files that have been reviewed, the number of wells in the AOR which have received corrective action (be specific) this year to date.

Paperwork Reduction Act Notice

The public reporting and record keeping burden for this collection of information is estimated to average 4.5 hours per year. Burden means the total time, effort, or financial resource expended by persons to generate, maintain, retain, or disclose or provide information to or for a Federal Agency. This includes the time needed to review instructions; develop, acquire, install, and utilize technology and systems for the purposes of collecting, validating, and verifying information, processing and maintaining information, and disclosing and providing information; adjust the existing ways to comply with any previously applicable instructions and requirements; train personnel to be able to respond to the collection of information; search data sources; complete and review the collection of information; and, transmit or otherwise disclose the information. An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. Send comments on the Agency's need for this information, the accuracy of the provided burden estimates, and any suggested methods for minimizing respondent burden, including the use of automated collection techniques to Director, Collection Strategies Division, U.S. Environmental Protection Agency (2822), 1200 Pennsylvania Ave., NW., Washington, D.C. 20460. Include the OMB control number in any correspondence. Do not send the completed forms to this address.

Please type or print all information. Please read instructions on reverse. OMB No. 2040-0042 Approval Expires 11/30/2014

United States Environmental Protection Agency
Office of Ground Water and Drinking Water
Washington, DC 20460

EPA

UIC Federal Reporting System
Part II: Compliance Evaluation

(This information is solicited under the authority of the Safe Drinking Water Act)

I. Name and Address of Reporting Agency

United States Environmental Protection Agency

Ohio Department of Natural Resources
Division of Oil and Gas Resources Management
2045 Morse Road, BLDG F-2

II. Date Prepared *(month, day, year)*	III. State Contact *(name, telephone no.)*	IV. Reporting Period *(month, year)* From	To
12/01/2015	Andrew Adgate 614-265-6673	October 1, 2014	September 30, 2015

Item				Class and Type of Injection Wells: AD	II: SWD 2D	II: ER 2R	II: HC 2H	III	IV	V
V. Summary of Violations	Total Wells	A	Number of Wells with Violations	11	66	42		0		
	Total Violations	B	1. Number of Unauthorized Injection Violations	0	0	0		0		
			2. Number of Mechanical Integrity Violations	11	8	15		0		
			3. Number of Operation and Maintenance Violations	0	32	9		0		
			4. Number of Plugging and Abandonment Violations	0	0	0		0		
			5. Number of Monitoring and Reporting Violations	0	26	18		0		
			6. Number of Other Violations *(Specify)*	0	0	0		0		
VI. Summary of Enforcement	Total Wells	A	Number of Wells with Enforcement Actions	11	66	42		0		
	Total Enforcement Actions	B	1. Number of Notices of Violation	0	65	42		0		
			2. Number of Consent Agreements	0	0	0		0		
			3. Number of Administrative Orders	11	5	2		0		
			4. Number of Civil Referrals	0	1	0		0		
			5. Number of Criminal Referrals	0	0	0		0		
			6. Number of Well Shut-ins	0	0	0		0		
			7. Number of Pipeline Severances	0	0	0		0		
			8. Number of Other Enforcement Actions *(Specify)*	0	0	0		0		
VII. Summary of Compliance	Number of Wells Returned to Compliance		A. This ~~Quarter~~ half	7	23	24		0		
			B. This Year	11	47	32		0		
VIII. Contamination	Number of Cases of Alleged Contamination of a USDW			0	0	0		0		
IX. MIT Resolved	Percent of MIT Violations Resolved in 90 Days			100	40	75		100		

X. Remarks/Ad Hoc Report *(Attach additional sheets)*

Certification

I certify that the statements I have made on this form and all attachments thereto are true, accurate, and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.

Signature and Typed or Printed Name and Title of Person Completing Form	Date	Telephone No.
Andrew Adgate UIC Manager	12-4-15	265-6673

EPA Form 7520-2A (12-11) Replaces EPA Form 7520-2 which is obsolete

Definitions and Instructions

All reporting is cumulative, year to date, and begins with October 1.

A Class II, III, or V injection well with a violation of a permit or rule requirement is said to be in noncompliance. A Class I or IV well with any violation is said to be in significant noncompliance (SNC). Note: A Class II, III, or V well with certain types of violations may also be in significant noncompliance. (See Form 7520-2B (Reverse) for definitions of SNC violations.)

Section V. Summary of Violations

(Includes all noncompliance, significant and non-significant)

Note: Also Report Significant Noncompliance Information on Form 7520-2B.

A. Total Wells: Enter under each well class the number of wells with a violation(s) identified this year to date, whether or not the well has been returned to compliance. These totals track the percentage of the injection well universe in noncompliance each year. Enter a well only once each year.

B. Total Violations:

Item 1-6: Enter under each well class the number of times each violation (be specific) has been identified this year to date.

Section VI. Summary of Enforcement

A. Total Wells: Enter under each well class the number of wells with violations that have received an enforcement action(s) this year to date. These totals track the percentage of the injection well universe that receives an enforcement action each year. Enter a well only once each year.

B. Total Enforcement Actions:

Item 1-8: Enter under each well class the number of times wells with violations have received an enforcement action(s) (be specific) this year to date.

Section VII. Number of Wells Returned to Compliance

A "Well Returned to Compliance" is a well in violation of UIC program requirements that has had the violation(s) corrected and the resolution of the violation(s) has been verified by the regulating authority. Note: An enforcement action alone (e.g., well shut-in) does not constitute a "return to compliance."

A. Enter under each well class the number of wells returned to compliance in the current quarter only.

B. Enter under each well class the number of wells returned to compliance (as a result of an enforcement action against a violation) this year to date. These totals track the percentage of the injection well universe that returned to compliance through an enforcement action(s) each year. Enter a well only once each year.

Section VIII. USDW Contaminations

Enter under each well class the number of times a well in noncompliance has allegedly contaminated an underground source of drinking water (USDW) this year to date.

Section IX. % MIT Violations Resolved in 90 Days

Enter under each well class the percentage of MIT violations (identified in Section V., under "Mechanical Integrity") resolved within 90 days.

In order to calculate the percentage:

1. Add up the total number of MIT violations to date whether of not they were identified in this reporting period, e.g., 10.

2. Add up the number of these violations to date that were resolved in 90 days or less, e.g., 5.

3. Calculate the percentage of total MIT violations to date that have been resolved in 90 days or less, e.g., 50%.

Please type or print all information. Please read instructions on reverse. OMB No. 2040-0042 Approval Expires 11/30/2014

United States Environmental Protection Agency
Office of Ground Water and Drinking Water
Washington, DC 20460

EPA

UIC Federal Reporting System
Part II: Compliance Evaluation
Significant Noncompliance

(This information is solicited under the authority of the Safe Drinking Water Act)

I. Name and Address of Reporting Agency

United States Environmental Protection Agency
Ohio Department of Natural Resources
Division of Oil and Gas Resources Management
2045 Morse Road, BLDG F-2
Columbus, Ohio 43229

II. Date Prepared *(month, day, year)*: 12/01/2015

III. State Contact *(name, telephone no.)*: Andrew Adgate 614-265-6673

IV. Reporting Period *(month, year)*: From October 1, 2014 To 09/30/2015

Item				Class and Type of Injection Wells: AD	II: SWD 2D	II: ER 2R	II: HC 2H	III	IV	V
V. Summary of Significant Non-Compliance (SNC)	Total Wells	A	Number of Wells with SNC Violations	11	18	17		0		
	Total Violations	B	1. Number of Unauthorized Injection SNC Violations	0	0	0		0		
			2. Number of Mechanical Integrity SNC Violations	11	8	15		0		
			3. Number of Injection Pressure SNC Violations	0	10	2		0		
			4. Number of Plugging and Abandonment SNC Violations	0	0	0		0		
			5. Number of SNC Violations of Formal Orders	0	0	0		0		
			6. Number of Falsification SNC Violations	0	0	0		0		
			7. Number of Other SNC Violations *(Specify)*	0	0	0		0		
VI. Summary of Enforcement Against SNC	Total Wells	A	Number of Wells with Enforcement Actions Against SNC	11	18	17		0		
	Total Enforcement Actions	B	1. Number of Notices of Violation	0	18	17		0		
			2. Number of Consent Agreements/Orders	0	0	0		0		
			3. Number of Administrative Orders	11	2	0		0		
			4. Number of Civil Referrals	0	0	0		0		
			5. Number of Criminal Referrals	0	0	0		0		
			6. Number of Well Shut-ins	0	0	0		0		
			7. Number of Pipeline Severances	0	0	0		0		
			8. Number of Other Enforcement Actions Against SNC Violations *(Specify)*	0	0	0		0		
VII. Summary of Compliance	Number of Wells in SNC Returned to Compliance		A. This ~~Quarter~~ half	7	4	6		0		
			B. This Year	11	11	14		0		
VIII. Contamination	Number of Cases of Alleged Contamination of a USDW			0	0	0		0		
IX. Well Closure	Class IV/Endangering Class V Well Closures		Involuntary Well Closure							
			Voluntary Well Closure							

Certification

I certify that the statements I have made on this form and all attachments thereto are true, accurate, and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.

Signature and Typed or Printed Name and Title of Person Completing Form	Date	Telephone No.
A. Andrew Adgate UIC Manager	12-4-15	265-6673

Instructions and Definitions
EPA Form 7520-2B

Section IV. Reporting Period: All reporting is cumulative, year to date, beginning with October 1.

Definitions of SNC Violations:

1. Violations of any kind pertaining to a Class I or IV well.

2. The following violations by the owner/operator of a Class II, III, or V well:

a. Unauthorized Injection – Any unauthorized emplacement of fluids (where formal authorization is required);

b. Mechanical Integrity – Well operation without mechanical integrity which causes the movement of fluid outside the authorized zone – if injection of such fluid may have the potential for endangering a USDW;

c. Injection Pressure – Well operation at an injection pressure that exceeds the permitted or authorized injection pressure and causes the movement of fluid outside the authorized zone of injection – if such movement may have the potential for endangering a USDW;

d. Plugging and Abandonment – The plugging and abandonment of an injection well in an unauthorized manner. This definition includes the "walking away from" a responsibility to plug and abandon a well. These wells are in SNC only when there is endangerment of USDW and there is an identifiable owner/operator;

e. Violation of a Formal Order – Any violation of a formal enforcement action, including an administrative or judicial order, consent agreement, judgement, or equivalent State action;

f. Falsification – The knowing submission or use of any false information in a permit application, periodic report or special request for information about a well.

Section V. Total No. of Wells with SNC Violations:
Significant Noncompliance information is also to be reported on EPA From 7520-2A. Under each well class and type, enter the total number of SNC violations which have been identified in the year to date, whether or not the violations(s) have been corrected and the well(s) returned to compliance. *These totals track the percentage of the injection well universe in SNC each year. Enter a well only once each year.*

For subsections 1 through 7 enter under each well class the total number of times, by specific violation, an SNC has been identified this year to date.

Section VI. Total SNC Enforcement Actions: *Significant Noncompliance information is also to be reported on EPA Form 7520-2A.* Under each well class and type, enter the total number of wells with SNC violations that have received an enforcement action(s) this year to date, whether or not the wells have been returned to compliance. *These totals track the percentage of the injection well universe that receives an SCN enforcement action each year. Enter a well only once each year.*

For subsections 1 through 8 enter under each well class the total number of times wells with SNC violations have received the specified enforcement action this year to date.

Section VII. No. of Wells Returned to Compliance: *A "Well Returned to Compliance" is a well in violation of UIC program requirements which has had the violation(s) corrected and has had the resolution of the violation(s) verified by the regulating authority. An enforcement action alone (e.g., well shut-in) does not constitute a "Return to Compliance."*

Under subsection A, enter under each well class the total number of wells returned to compliance (as a result of an enforcement action against an SNC violation) in the current quarter only. Under subsection B, enter under each well class the total number of wells returned to compliance (as a result of an enforcement action against an SNC violation) this year to date. *These totals track the percentage of the injection well universe that returned to compliance through an SNC enforcement action(s) each year. Enter a well only once each year.*

Section VIII. USDW Contaminations

Enter under each well class the number of times a well in SNC has allegedly contaminated an underground source of drinking water (USDW) this year to date.

Section IX. Number of Class IV/V Endangering Class V Well Closures: Enter the number of Class IV and Class V well closures either as a voluntary or involuntary action. Involuntary well closure means wells closed as a result of enforcement actions or permit call-ins. Voluntary well closure means well closed as a direct result of outreach activities. Well closure describes a process to permanently discontinue injection of an unauthorized and en-dangering fluid contaminant which is in violation of RCRA or SDWA or applicable regulations. At the time, closure must include immediate cessation of injection of unauthorized waste stream to satisfy SDWA requirements. To satisfy both SDWA and RCRA, well closure may require additional actions: remove injection fluids deposited in well, sludge and any visibly contaminated soil; segregate hazardous waste streams from sanitary waste streams (septic system) and redirect HW to holding tank; restrict injection to authorized waste stream; seal floor drain; obtain authorized sewer hook-up; remove well, injectate and contaminated soil and dispose in authorized facility. Imminent threat to USDW may require monitoring and ground-water remediation.

Paperwork Reduction Act
The public reporting and record keeping burden for this collection of information is estimated to average 5.5 hours per response. Burden means the total time, effort, or financial resource expended by persons to generate, maintain, retain, or disclose or provide information to or for a Federal Agency. This includes the time needed to review instructions; develop, acquire, install, and utilize technology and systems for the purposes of collecting, validating, and verifying information, processing and maintaining information, and disclosing and providing information; adjust the existing ways to comply with any previously applicable instructions and requirements; train personnel to be able to respond to the collection of information; search data sources; complete and review the collection of information; and, transmit or otherwise disclose the information. An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. Send comments on the Agency's need for this information, the accuracy of the provided burden estimates, and any suggested methods for minimizing respondent burden, including the use of automated collection techniques to Director, Collection Strategies Division, U.S. Environmental Protection Agency (2822), 1200 Pennsylvania Ave., NW., Washington, DC 20460. Include the OMB control number in any correspondence. Do not send the completed forms to this address.

Please type or print all information. Please read instructions on reverse. OMB No. 2040-0042 Approval Expires 11/30/2014

United States Environmental Protection Agency
Office of Ground Water and Drinking Water
Washington, DC 20460

EPA

UIC Federal Reporting System
Part III: Inspections
Mechanical Integrity Testing

(This information is solicited under the authority of the Safe Drinking Water Act)

I. Name and Address of Reporting Agency

United States Environmental Protection Agency

Ohio Department of Natural Resources
Division of Oil and Gas Resources Management
2045 Morse Road, BLDG F-2
Columbus, Ohio 43229

II. Date Prepared *(month, day, year)*: 12/01/2015

III. State Contact *(name, telephone no.)*: Andrew Adgate 614-265-6673

IV. Reporting Period *(month, year)*: From October 1, 2014 To 09/30/2015

Item				Class and Type of Injection Wells: AD	II: SWD 2D	II: ER 2R	II: HC 2H	III	IV	V
V. Summary of Inspections	Total Wells	A	Number of Wells Inspected	318	1,929	581		120		
	Total Inspections	B	1. Number of Mechanical Integrity Tests (MIT) Witnessed	15	76	29		15		
			2. Number of Emergency Response or Complaint Response Inspections	0	3	0		0		
			3. Number of Well Constructions Witnessed	3	43	0		0		
			4. Number of Well Pluggings Witnessed	17	2	0		4		
			5. Number of Routine/Periodic Inspections	283	1,817	552		101		
VI. Summary of Mechanical Integrity (MI)	Total Wells	A	Number of Wells Tested or Evaluated for Mechanical Integrity (MI)	15	72	24		12		
		B	No. of Rule-Authorized Wells Tested/Evaluated for MI — Passed 2-part test	0	0	0		0		
			No. of Rule-Authorized Wells Tested/Evaluated for MI — Failed 2-part test	0	0	0		0		
	For Significant Leak	C	1. Number of Annulus Pressure Monitoring Record Evaluations — Well Passed	0	1,206	417		0		
			1. Number of Annulus Pressure Monitoring Record Evaluations — Well Failed	0	0	0		0		
			2. No. of Casing/Tubing Pressure Tests — Well Passed	0	76	29		15		
			2. No. of Casing/Tubing Pressure Tests — Well Failed	0	11	9		3		
			3. Number of Monitoring Record Evaluations — Well Passed	0	0	0		0		
			3. Number of Monitoring Record Evaluations — Well Failed	0	0	0		0		
			4. No. of Other Significant Leak Tests/Evaluations *(Specify)* — Well Passed	14 +	20 **	6 **		0		
			4. No. of Other Significant Leak Tests/Evaluations *(Specify)* — Well Failed	1 +	0 **	1 **		0		
	For Fluid Migration	D	1. Number of Cement Record Evaluations — Well Passed	3	19	1		0		
			1. Number of Cement Record Evaluations — Well Failed	0	0	0		0		
			2. Number of Temperature/Noise Log Tests — Well Passed	0	0	0		0		
			2. Number of Temperature/Noise Log Tests — Well Failed	0	0	0		0		
			3. No. of Radioactive Tracer/Cement Bond Tests — Well Passed	0	24	1		0		
			3. No. of Radioactive Tracer/Cement Bond Tests — Well Failed	0	0	0		0		
			4. No. of Other Fluid Migration Tests/Evaluations *(Specify)* — Well Passed	14 +	2 ++	0		13 *		
			4. No. of Other Fluid Migration Tests/Evaluations *(Specify)* — Well Failed	1 +	0 ++	0		3 *		
VII. Summary of Remedial Action	Total Wells	A	Number of Wells with Remedial Action	0	39	17		0		
	Total Remedial Actions	B	1. Number of Casing Repaired/Squeeze Cement Remedial Actions	0	6	3		0		
			2. Number of Tubing/Packer Remedial Actions	0	33	14		0		
			3. Number of Plugging/Abandonment Remedial Actions	0	0	0		0		
			4. Number of Other Remedial Actions *(Specify)*	0	0	0		0		

VIII. Remarks/Ad Hoc Report *(Attach additional sheets)*: +Positive Displacement Test *FW/Brine Test ++PressureFalloff **MiniTest

Certification

I certify that the statements I have made on this form and all attachments thereto are true, accurate, and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.

Signature and Typed or Printed Name and Title of Person Completing Form	Date	Telephone No.
Andrew Adgate UIC Manager	12-4-15	265-6673

EPA Form 7520-3 (Rev. 12-11) Previous edition is obsolete.

Instructions and Definitions

(All reporting is cumulative, year to date, and begins with October 1.)

Section V. Summary of Inspections

A complete inspection should include an assessment of: the well head, pressure and flow meters, pipeline connections, and any other equipment associated with the injection system; an inspection is complete only when a report has been filed with the regulating authority.

Item A: Enter under each well class the number of wells that have been inspected this year to date. These totals track the percentage of the injection well universe inspected each year. Enter a well only once each year.

Total Inspections: (This year to date)

Item 1: Enter under each well class the number of inspections to witness field Mechanical Integrity Tests. (At least 25% of MITs performed by operators each year should be witnessed.)

Item 2: Enter under each well class the number of inspections that have been in response to a problem reported to the regulating authority.

Item 3: Enter under each well class the number of inspections of well constructions or any preoperational activities.

Item 4: Enter under each well class the number of inspections of well pluggings or pluggings and abandonment.

Item 5: Enter under each well class the number of inspections that have been routine/periodic.

Section VI. Summary of Mechanical Integrity

A complete MIT is composed of a test for significant leaks in the casing, tubing or packer and a test for significant fluid migration into a USDW through vertical channels adjacent to the well bore. An MIT consists of a field test on a well or an evaluation of a well's monitoring records (i.e., annulus pressure, etc.) or cement records. At a minimum, the mechanical integrity of a Class I, II, or III (solution mining of salt) well should be demonstrated at least once every five years during the life of the well.

Item A: Enter under each well class the number of wells that have had a complete MIT this year to date. These totals track the percentage of the injection well universe tested for MI each year. Enter a well only once each year.

Item B: Enter under the appropriate well class the number of rule authorized wells that have passed a complete MIT and the number that have failed a complete MIT this year to date.

Item C: Significant Leak Tests: (This year to date)

Item 1-4: Enter under each well class the number of times wells have passed or failed a field test/record evaluation for significant leaks (be specific).

Item D. Fluid Migration Tests: (This year to date)

Items 1-4: Enter under each well class the number of times wells have passed or failed a field test/record evaluation for fluid migration (be specific).

Section VII. Summary of Remedial Action

A failure of mechanical integrity (MI) may occur at any time during the life of an injection well until it is plugged and abandoned in accordance with a preapproved plan. Failure may be identified during an inspection, a field test, an evaluation of well records, or during routine operation of a well. Remedial actions include additional permit conditions, monitoring or testing, or one of the actions specified below.

Item A: Enter under each well class the number of wells that have received remedial actions this year to date. This total tracks the percentage of the injection well universe that have received remedial action each year. Enter a well only once each year.

Total Remedial Actions: (This year to date)

Item 1-4: Enter under each well class the number of times that wells have received remedial action (be specific).

EPA

United States Environmental Protection Agency
Office of Ground Water and Drinking Water
Washington, DC 20460

OMB No. 2040-0042
Approval expires 11/30/2014

UIC Federal Reporting System
Part IV: Quarterly Exceptions List

(This information is collected under the authority of the Safe Drinking Water Act)

I. Reporting Period
From | To

II. Well Class and Type	III. Name and Address of Owner/Operator	IV. Well ID No. (Permit No.)	V. Summary of Violations								VI. Summary of Enforcement									VII. Date Compliance Achieved
			Date of Violation	Mark ('X') Violation Type							Date of Enforcement	Mark ('X') Enforcement Type								
				Unauthorized Injection	Well Mechanical Integrity	Injection Pressure	Plugging and Abandonment	Formal Order	Falsification	Other (Specify)		Notice of Violation	Consent Agreement	Administrative Order	Civil Referral	Criminal Referral	Well Shut-in	Pipeline Severance	Other (Specify)	

Certification

I certify that the statements I have made on this form and all attachments thereto are true, accurate, and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.

Signature of Person Completing Form	Typed or Printed Name and Title	Date	Telephone No.
	Andrew Adgate UIC Manager	12-4-15	265-6673

EPA Form 7520-4 (Rev. 12-11) Previous edition is obsolete.

Instructions and Definitions

The quarterly Exceptions list is used to track wells reported in significant noncompliance (SNC) on EPA Form 7520-2B for two or more consecutive quarters without being addressed with a formal enforcement action or returned to compliance. Any SNC reported on Form 7520-4 shall be reported until the SNC is resolved. Once a SNC is reported as resolved, it need not appear in subsequent reports.

Section I - Reporting Period

All reporting is cumulative, year to date, beginning with October 1.

Section II - Well Class and Type

Enter the well class and type of each well in SNC for two or more consecutive quarters. For Class I wells, specify IH for hazardous waste, IM of municipal waste, Ii for industrial waste. For Class II wells, specify IID for saltwater disposal, IIR for enhanced recovery, IIH for liquid hydrocarbon storage.

Section III - Name and Address of Owner/Operator

Enter the name and address of the owner/operator of the injection well. Use multiple lines of the form if needed. (You may use one form for each owner/operator.)

Section IV - Well ID No. (Permit No.)

Enter the I.D. number of the injection well in SNC. If the well has a UIC permit number, enter this as the I.D. number.

Section V - Summary of Violations

Enter the date the SNC violation was first identified and place an "X" in the appropriate column. In the event that there were multiple SNC violations for a single well, enter each violation and the date it was identified on a separate line.

Section VI - Summary of Enforcement

Enter the date an enforcement action was taken against the SNC violation and place an "X" in the appropriate column. In the event that there were multiple enforcement actions, enter each enforcement action and the date it was taken on a separate line.

Paperwork Reduction Act

The public reporting and record keeping burden for this collection of information is estimated to average 2 hours per response. Burden means the total time, effort, or financial resource expended by persons to generate, maintain, retain, or disclose or provide information to or for a Federal Agency. This includes the time needed to review instructions; develop, acquire, install, and utilize technology and systems for the purposes of collecting, validating, and verifying information, processing and maintaining information, and disclosing and providing information; adjust the existing ways to comply with any previously applicable instructions and requirements; train personnel to be able to respond to the collection of information; search data sources; complete and review the collection of information; and, transmit or otherwise disclose the information. An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. Send comments on the Agency's need for this information, the accuracy of the provided burden estimates, and any suggested methods for minimizing respondent burden, including the use of automated collection techniques to Director, Collection Strategies Division, U.S. Environmental Protection Agency (2822), 1200 Pennsylvania Ave., NW., Washington, DC 20460. Include the OMB control number in any correspondence. Do not send the completed forms to this address.

FINAL TECHNICAL REPORT – FEDERAL FISCAL YEAR 2015

For the Federal Fiscal Year (FFY) 2015, the Ohio Department of Natural Resources, Division of Oil and Gas Resources Management, in most cases, met or exceeded the Year 2014 Performance Measures and Outputs. Permitting activity for conventional Class II, Class III, and Class II Annular Disposal wells continued to be strong, in part, due to the Class IID activity associated with the Marcellus Shale fluid from Pennsylvania and West Virginia and the Utica-Point Pleasant shale development in Ohio. The Division issued 12 Class II permits during FFY 2015. UIC staff reviewed all permit applications internally and the Division's field staff witnessed the critical construction operations. During FFY 2014, the Division conducted 2948 compliance reviews and inspections on Ohio's Class II and Class III wells. The State continued to witness 100% of the mechanical integrity tests. In FFY 2015, Division personnel witnessed a total of 135 Class II and Class III mechanical integrity tests. All conventional Class II wells are required to continuously monitor the annulus pressure or perform monthly minitests to demonstrate mechanical integrity. Class II Annular Disposal and Class III wells require mechanical integrity tests every five years.

All conventional Class II wells are inspected approximately every 11 to 12 weeks. In FFY 2015, the Division issued 125 notices of violation and administrative orders for conventional Class II, Class III, and Class II annular disposal wells. Eleven of the administrative orders were for annular disposal revocation. All Class II mechanical integrity failures are considered Significant Non-Compliance (SNC), and suspension orders were a part of the Division's major enforcement activity in FFY 2015. The Division's field staff conducted inspections to ensure compliance with these administrative orders and any well in non-compliance was pursued with additional enforcement action.

In FFY 2015, the Division continued the data entry of all pertinent UIC Class II and Class III technical information into the RBDMS database system. All of the UIC field inspections are now entered directly into laptops, which are later downloaded into the main RBDMS database in Central Office. Hard copies are made for the paper files. The Division has initiated the enforcement database that is tied to RBDMS system, providing easy access to all UIC technical and enforcement data in one database system. The Division is now e-mailing the UIC Class II Monthly Injection Well inventory list and the monthly UIC Outstanding Notices of Violation and Administrative Orders to all of the field staff and regional offices. These lists are continually being maintained and updated by the UIC program staff. The Division continues to maintain all of the UIC files in the paper form in the UIC Section and has recently scanned all existing UIC files. UIC Program staff members maintained these files for reporting, compliance schedules, investigations, enforcement actions, and semi-annual reporting to US EPA Region V. The Division has been sending UIC data to the National UIC Database through the Exchange Node electronically on a quarterly basis.

UIC Program staff were involved in informal public meetings and occasionally were called upon to testify at hearings or court cases in FFY 2015. The Division of Oil and Gas Resources Management continued to participate in national conferences and meetings held by the Ground Water Protection Council (GWPC) during FFY 2015. The Division continues to train the new field staff regarding UIC inspections, mechanical integrity testing, and the other Standard Operating Procedures developed for the UIC Program.

UIC WELL INVENTORY NUMBERS U.S. EPA FFY 2015

Type	Drilled/Drilling/Permitted	Active	Temporarily Abandoned	Number of Sites	Total	Total Plugged/Abandoned IN FFY 2015
Class II ER	2 wells	128 wells	0	30	130 wells	0 wells
Class II SWD	37 wells	203 wells	0	240	240 wells	2 wells
Class II AD	3 wells	78 wells	1951 wells	NA	2029 wells	17 wells
Class III SMP	6 wells	48 wells	0	4	54 wells	4 wells